

Table 1.—Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) <sup>1</sup>	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY09 Fall	BY09 Late-fall	BY09 Winter	BY09 Spring	BY10 Steelhead
3/12/10	6,780	10.6	4.2	890 (32 – 47)	0 (-)	33 (119)	33 (71)	0 (-)
3/13/10	11,400	9.3	–	–	–	–	–	–
3/14/10	10,100	9.7	9.3	10,602 (32 – 52)	0 (-)	893 (110 – 146)	337 (67 – 74)	0 (-)
3/15/10	7,440	10.6	6.8	2,635 (34 – 66)	0 (-)	140 (111 – 150)	140 (68 – 84)	0 (-)
3/16/10	6,780	11.4	4.6	1,356 (34 – 64)	0 (-)	31 (103)	62 (71 – 78)	0 (-)
3/17/10	6,580	12.0	3.1	2,001 (32 – 67)	0 (-)	0 (-)	34 (79)	0 (-)
3/18/10	6,370	12.4	2.6	1,358 (32 – 39)	0 (-)	60 (115 – 142)	151 (71 – 82)	0 (-)
3/19/10	6,300	12.4	2.9	1,140 (32 – 66)	0 (-)	63 (111 – 112)	63 (69)	32 (26)
3/20/10	6,170	12.6	2.5	989 (32 – 53)	0 (-)	32 (135)	32 (75)	0 (-)
3/21/10	6,030	12.4	3.3	1,246 (33 – 69)	0 (-)	0 (-)	149 (70 – 84)	0 (-)
3/22/10	5,990	12.2	2.2	1,033 (32 – 67)	0 (-)	0 (-)	29 (84)	0 (-)
3/23/10	6,010	12.4	2.7	292 (33 – 64)	0 (-)	31 (136)	62 (72 – 81)	0 (-)
3/24/10	5,830	12.7	2.8	198 (33 – 70)	0 (-)	33 (119)	66 (79 – 82)	0 (-)
3/25/10	5,770	12.3	2.8	175 (37 – 62)	0 (-)	29 (126)	59 (81 – 84)	0 (-)
<b>Biweekly total<sup>2</sup></b>				<b>27,055</b>	<b>0</b>	<b>1,538</b>	<b>1,343</b>	<b>32</b>
<i>Biweekly Lower 90% Confidence Interval</i>				7,540	0	-569	-375	-30
<i>Biweekly Upper 90% Confidence Interval</i>				46,570	0	3,645	3,061	94
<b>Brood-year total</b>				<b>7,374,775</b>	<b>225,976</b>	<b>4,457,415</b>	<b>315,549</b>	<b>1,009</b>
<i>Brood-year Lower 90% Confidence Interval</i>				2,266,217	98,734	2,578,970	74,950	-213
<i>Brood-year Upper 90% Confidence Interval</i>				12,095,835	353,217	6,335,859	543,595	2,231

<sup>1</sup> Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

<sup>2</sup> Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.